

## **K-Seal Troubleshooting Guide**

**K-Seal Permanent Coolant Leak Repair** is able to make a successful repair in the majority of applications, however in some cases the leak cannot be sealed. This is usually down to either the fact that the leak (or underlying cause) in the cooling system is simply too much for K-Seal to deal with, or there was a problem with the application or dispersal of the product. Following are some important points to check which may help to explain why K-Seal could not make a repair.

1. The contents were not properly mixed and some residue remained in the bottle. It is essential that the entire contents of the bottle are added to the cooling system. If any residue remains in the bottle then add a little water, shake well and pour into the cooling system.
2. K-Seal was prevented from entering the cooling system. If you add K-Seal to the cooling system via the expansion/header tank it may take a little longer for the mixture to be drawn into the cooling system. This can depend on the rate at which coolant is being lost. A particular problem can occur with over pressurised cooling systems (head gasket failures) where the pressure is forcing coolant out of the overflow which can sometimes expel the K-Seal mixture before it has even had a chance to get in to the cooling system. In such cases you can either drain part or all of the cooling system first and then add K-Seal premixed with some water before topping up the coolant levels. This means that K-Seal has been delivered directly into the cooling system. It is also possible to remove a top hose and pour K-Seal directly into the hose.

If you have already added K-Seal to the expansion tank and the leak has not stopped then we recommend waiting at least a day or two to give K-Seal a chance to fully enter the cooling system.

3. K-Seal was prevented from flowing freely around the cooling system. If the cooling system is blocked, e.g. by an air lock, then K-Seal may be unable to reach the leak in order to make a repair.
4. The cooling system does not reach operating temperature. In order for K-Seal to have the best chance of making a repair the cooling system needs to get up to operating temperature to ensure that hot coolant is flowing around the entire system. If this does not occur e.g. due to a faulty thermostat, then K-Seal may not be able to function correctly.



**IMPORTANT: Please use extreme caution when working on a hot cooling system as hot coolant and gases could cause injury. If in doubt please consult a qualified mechanic.**

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